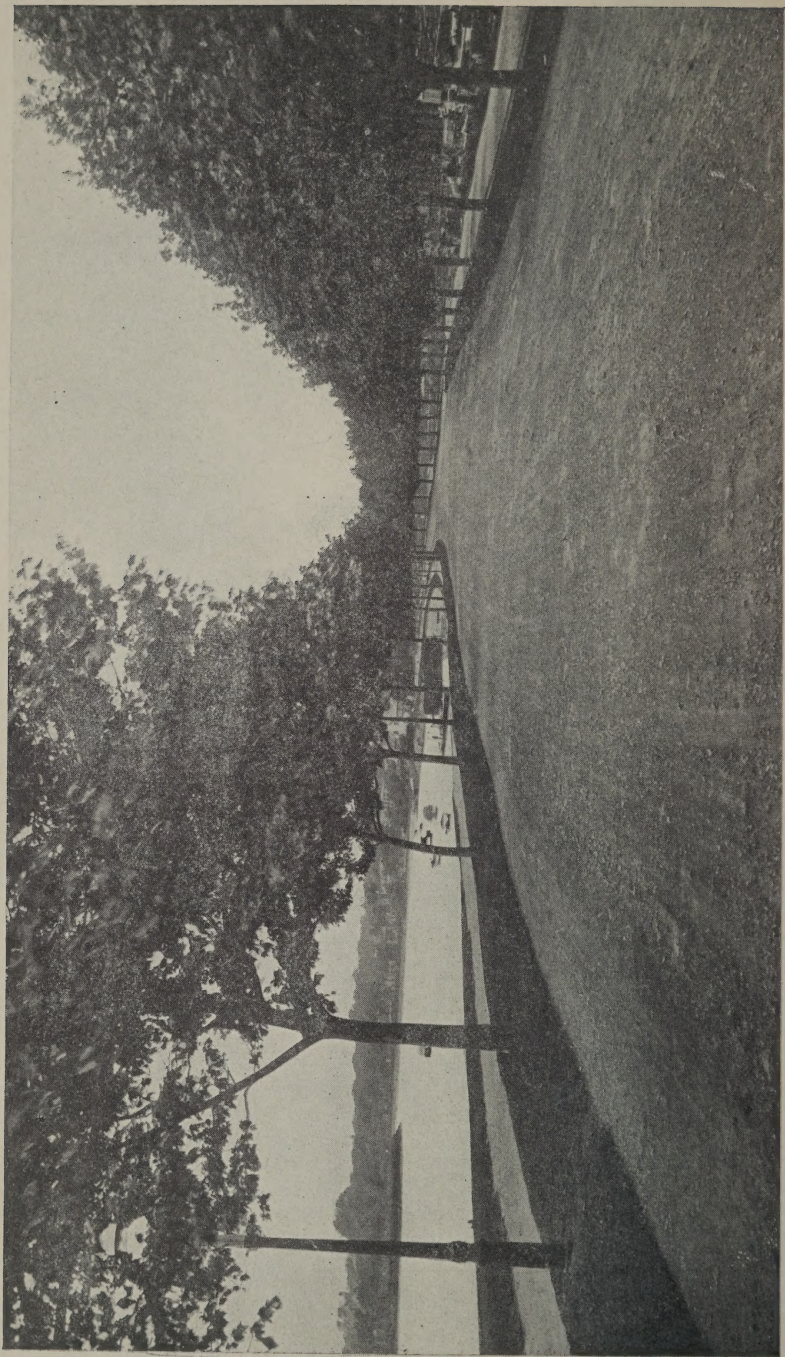
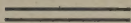




SECTION G. LOOKING WEST FROM BOYLSTON STREET

City of Cambridge
Massachusetts

C.R.



PARK DEPARTMENT

ANNUAL REPORTS

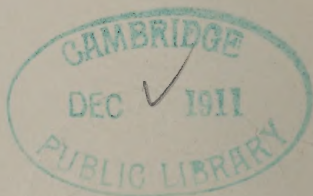
1911



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EIGHTEENTH ANNUAL REPORT
OF THE
BOARD OF PARK COMMISSIONERS
OF THE
CITY OF CAMBRIDGE

To the Honorable, the City Council of the City of Cambridge:—

GENTLEMEN:—The Board of Park Commissioners has the honor to submit herewith its eighteenth annual report covering the municipal year March 31st, 1911, together with the seventeenth annual report of the General Superintendent of Parks, as required by Section 4 of the ordinance establishing a Park Department.

THE ESPLANADE

Since the beginning of the work on the Esplanade in 1893 there has been expended up to March 31st, 1911, of money raised under Park and Esplanade Loans for the Esplanade proper, \$1,282,151.99. The amount of money appropriated for the completion of this work during the past few years has been very small; consequently the Esplanade is left in an unsightly condition and the City cannot avail itself of the benefits which will accrue from a completed roadway. There is a very great demand for another driving avenue from Boston to Harvard square; this can be supplied satisfactorily when the Esplanade is finished, as it will give a road free from electric cars and business traffic. In addition, it will assist in developing the great area of land lying between the West Boston Bridge and River street, which should return to the City an immense revenue in taxes. For this reason the roadway between River street and Western avenue should be opened at once. This work may now be accomplished, as the Riverside Press is ready to abandon its buildings. The Commission is of the opinion that the City Government should accord to it at this time every assistance possible to bring about this much desired result. A large amount of money has already been invested in this work and the only wise course now is to expend the relatively small sum to make the entire expenditure profitable.

This work should not be postponed longer because of the negotiations for turning over our riverbanks to the Metropolitan Park Commission and the completion of the Esplanade by that Board. A deci-

sion in this matter seems still very remote. If the river front is transferred to the Metropolitan Board the City of Cambridge will be amply reimbursed for its expenditures on the properties.

Plans are now under way for very extensive building operations on lands abutting on the Esplanade, and it appears that the City is at last to profit from the business proposition it entered into when it constructed this shore driveway. [We should assist in this project in every way possible, and therefore this Board at this time with rather more than ordinary emphasis calls attention to this fact in view of the demands made and to be made for appropriations for playgrounds.] The Commission desires to assist the playground work in every way possible, but it feels that the work already begun should be finished before the City pledges itself to the expenditure of large sums of money for new work by means of additional loans. The authorities at Harvard University have offered the use of their recreation grounds to Cambridge children during the summer season. These grounds and the completion of our park lands will enable the Playground Commission to make a substantial start in its work without incurring large indebtedness to test theories which may not prove to be well founded.

SHADE TREES

The subject of the City's trees should have serious attention at this time. Much criticism has arisen both in the press and among our people as to the condition of the shade trees, and perhaps justly so. This Commission, in its annual report of 1900, called attention to the fact that a tree inspector had been employed to make an examination of all the trees in the City. The report of this expert showed that at that time there were more than 2,000 trees requiring immediate attention, and the Commission then asked for an enlarged appropriation for the work. No increase, however, has been allowed. Since 1910 the health of our trees has been sorely beset by the vicious inroads of the various insects which have attacked them, namely, the gypsy, brown tail and leopard moths and the elm leaf beetle. Our elm trees, once the pride of the City, seemed doomed. This statement applies to the elm trees on private property as well as the City's trees. We now have on our streets hundreds of dead trees, the removal of which requires a generous appropriation. The reforestation of the streets is necessary. Last year the department put in 350 young trees on the streets and this Board believes that one thousand trees a year at least should be added for some years,

RINDGE FIELD

The Shelter at Rindge Field has been completed, and a heating apparatus and six public baths have been installed. It is the intention of the Board to open this Shelter to the public for all-year-round bathing, as has been successfully done at Cambridge Field. This step has been made possible by the action of last year's City Government, which authorized the work and made the necessary appropriation. The field itself is in good condition.

OILING ROADWAY

No appropriation was given to this department last year for the oiling of our streets. As the Superintendent's report will show, the roads between the West Boston and Harvard bridges and between Magazine street and River street have been built up with a substantial cinder foundation, and the intention is to complete these roads to grade. The Board earnestly asks that an appropriation be made for a tarvia dressing, in order to prevent the disintegration which must follow if this treatment is not given them. The use of this preparation not only adds greatly to the comfort of the people who use the roads, but also makes an immense saving in maintenance,—especially where automobile traffic is heavy.

The department has at last been fortunate in securing during the past year a large amount of the filling material taken from the subway. Many unsightly holes have been filled between Magazine and River streets and when they have been leveled and planted with hay or oats the appearance of this section of the City will be greatly improved.

Mr. George Howland Cox ended last year his service on the Park Commission. The Board deems it fitting at this time to express publicly its appreciation of the work of Mr. Cox in connection with the Cambridge parks. He served on the Commission continuously since its organization in 1893, and was for many years its president. No man ever brought to the City a greater degree of efficiency. His untiring energy was of inestimable value to the City in the beginning and development of this work. His name will always be more intimately connected with the park development than that of any other citizen. This honorable distinction must be his compensation for the time spent and the zealous and competent supervision exercised over the department and its affairs during his term of office.

FINANCIAL STATEMENT

PARK LOANS

Amount of unused balance of 1909 appropriation:

Reappropriated April 6, 1910	\$592 23	
Reappropriated October 25, 1910	17 97	

\$610 20

Amount appropriated November 23, 1910.....

15,000 00

Amount appropriated July 8, 1910, Rindge Field....

2,000 00

\$17,610 20

PARK MAINTENANCE

Brown Tail Moth and Elm Leaf Beetle Extermination:

Amount appropriated May 24, 1910	\$6,000 00	
Amount appropriated February 15, 1911	1,000 00	

\$7,000 00

Sections A, B, D, F, G and H:

Amount appropriated May 24, 1910	\$7,000 00	
Amount transferred March 18, 1911, to Maintenance, Cambridge Field and Shelter	19 65	
Amount transferred March 18, 1911, to Maintenance, Commons, Squares and Public Grounds	54 00	

\$6,926 35

Cambridge Field and Shelter:

Amount appropriated May 24, 1910	\$6,000 00	
Amount transferred March 18, 1911, from Maintenance, Sections A, B, D, F, G and H.....	19 65	

\$6,019 65

Commons, Squares and Public Grounds:

Amount appropriated May 24, 1910	\$4,100 00	
Amount transferred March 18, 1911, from Maintenance, Sections A, B, D, F, G and H.....	54 00	

\$4,154 00

Shade Trees:

Amount appropriated May 24, 1910	\$4,000 00	
Amount transferred January 5, 1911, from Maintenance, General Account	100 00	

\$4,100 00

Bath House:

Amount appropriated May 24, 1910.....		\$1,800 00
---------------------------------------	--	------------

General Account:

Amount appropriated May 24, 1910	\$1,500 00	
Amount transferred July 5 and September 23, 1910, to Street Department	432 00	
Amount transferred January 5, 1911, to Maintenance, Shade Trees	100 00	

\$968 00

Removal of Dead Trees:

Amount appropriated May 24, 1910		\$3,000 00
--	--	------------

Salaries:

Amount appropriated May 24, 1910		\$2,300 00
--	--	------------

Rindge Field and Shelter:

Amount appropriated May 24, 1910		\$1,800 00
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PARK DEPARTMENT

7

Longfellow Park:	
Amount appropriated May 24, 1910	\$250 00
Sand Gardens:	
Amount appropriated May 24, 1910	\$200 00
Mill Pond:	
Amount appropriated May 24, 1910	\$150 00

During the year bills payable from Park Loans have been approved by the Board and certified to the Auditor to the total amount of \$3,854.88, as follows:—

PARK LANDS AND CONSTRUCTION

River Parkway, Section A:		
Construction Account	\$313 31	
River Parkway, Section B:		
Construction Account	40 25	
River Parkway, Section C:		
Construction Account	12 00	
River Parkway, Section D:		
Construction Account	1,394 09	
River Parkway, Section G:		
Construction Account	24 00	
Rindge Field (separate appropriation):		
Construction Account	585 50	
Shower Baths, etc., Rindge Field (separate appropriation):		
Construction Account	1,485 73	
		\$3,854 88
Amount expended		
Amount unexpended		\$13,755 32

During the year bills payable from Park Maintenance have been approved by the Board and certified to the Auditor as follows:—

	Amount Expended	Balance Unexpended
Brown Tail Moth and Elm Leaf Beetle Extermination	\$6,998 53	\$1 47
Sections A, B, D, F, G and H	6,926 35	26
Cambridge Field and Shelter	6,019 39	07
Commons, Squares and Public Grounds	4,153 93	03
Shade Trees	4,099 97	1 74
Removal Dead Trees	2,998 26	.....
Salaries	2,300 00	03
Rindge Field and Shelter	1,799 97	47
Bath House	1,799 53	1 09
General Account	966 91	.....
Longfellow Park	250 00	44
Sand Gardens	199 56	.....
Mill Pond	150 00	.....

A detailed classification of the expenditure will be found in the report of the General Superintendent.

Since the beginning of the work in 1893 there has been expended to date of money raised under Park and Esplanade Loans the sum of \$1,587,431.59.

The division is as follows:—

River Parkway, Section A:		
Land Account	\$9,416 83	
Construction Account	166,856 88	
		\$176,273 71
River Parkway, Section B:		
Construction Account	\$108,252 04	108,252 04
River Parkway, Section C:		
Construction Account	\$114,688 06	
Land Account	31,701 08	
		146,389 14
River Parkway, Section D:		
Construction Account	\$120,539 61	
Land Account	95,047 25	
		215,586 86
River Parkway, Section E:		
Construction Account	\$1,259 70	
Land Account	60,110 00	
		61,369 70
River Parkway, Section F:		
Construction Account	\$69,047 37	
Land Account	67,491 62	
		136,538 99
River Parkway, Section G:		
Construction Account	\$120,693 41	
Land Account	86,824 82	
		207,518 23
River Parkway, Section H:		
Construction Account	\$13,135 30	13,135 30
Cambridge Field:		
Construction Account	\$127,315 28	
Land Account	78,884 85	
		206,200 13
East Cambridge Embankment:		
Construction Account	\$102,987 93	
Land Account	45,231 40	
		148,129 33
General Account:		
Construction Account	\$55,352 45	55,352 45
Rindge Field:		
Construction Account	\$19,307 86	
Land Account	31,461 85	
		50,769 71
Office Expenses:		
Construction Account	\$15,915 29	15,915 29
Broadway:		
Construction Account	11,635 27	11,635 27

PARK DEPARTMENT

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Rebuilding Sea-Walls:		
Construction Account	\$10,887 89	\$10,887 89
Nursery:		
Construction Account	9,240 49	9,240 49
Improvements at Rindge Field:		
Construction Account	7,788 98	7,788 98
Hastings Square:		
Construction Account	2,683 07	2,683 07
Baths and Lockers:		
Construction Account	2,500 00	2,500 00
Winthrop Square:		
Construction Account	1,866 26	1,866 26
Shower Baths and Heating Apparatus, Rindge Field:		
Construction Account	1,475 73	1,475 73
Mill Pond:		
Construction Account	999 77	999 77
Fort Washington:		
Construction Account	929 79	929 79
Washington Elm:		
Construction Account	466 98	466 98
Porter Square:		
Construction Account	20 87	20 87
		<u>\$1,591,925 98</u>
Less Park revenue for 1894 and 1896 merged into Land and Construction Accounts		4,494 39
		<u><u>\$1,587,431 59</u></u>

Of the whole amount of Park Loans expended to April 1st, 1911, 32 per cent. has been for land and 68 per cent. for construction, as follows:—

Land Account (less revenues)	\$501,675 31
Construction Account	1,085,756 28
	<u><u>\$1,587,431 59</u></u>

Respectfully submitted,

WILLIAM M. WADDEN,
DAVID J. NELLIGAN,
PETER MULLIN,

Park Commissioners.

REPORT OF THE GENERAL SUPERINTENDENT OF PARKS

CAMBRIDGE, April 1st, 1911.

To the Board of Park Commissioners of the City of Cambridge:—

GENTLEMEN:—I have the honor to present herewith my fifth annual report as General Superintendent of Parks, covering the financial year of 1911.

SECTION A

(Area 9.07 acres)

Section A extends from the south line of Main street as widened for the approach to the new Cambridge Bridge to the west line of the third street east of Massachusetts avenue.

Six Welsbach lights were maintained during the year.

The thirty-foot roadway between the Cambridge Bridge and the Exposition building has been brought to sub-grade with cinders, leaving it in condition for macadamizing in the spring.

About 150 loads of filling were received from the Boston Transit Commission and placed back of the lower end of the wall, without any expense to the department. This part of the section is now at sub-grade.

On November 25th \$2,000 was appropriated to partly finish the lower end of this section and make it presentable, as it leads to one of the main entrances to the City. On account of the lateness of the appropriation the work was postponed until spring.

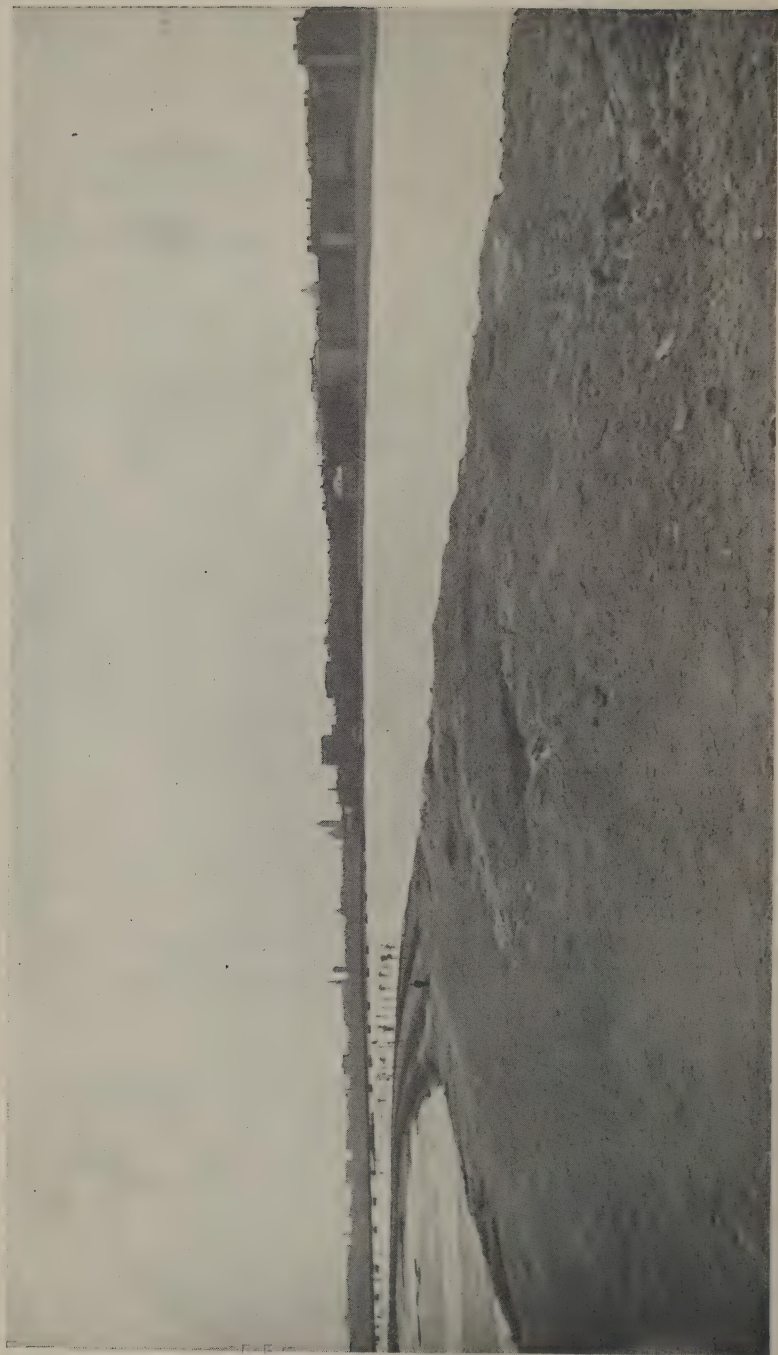
SECTION B

(Area 19.72 acres)

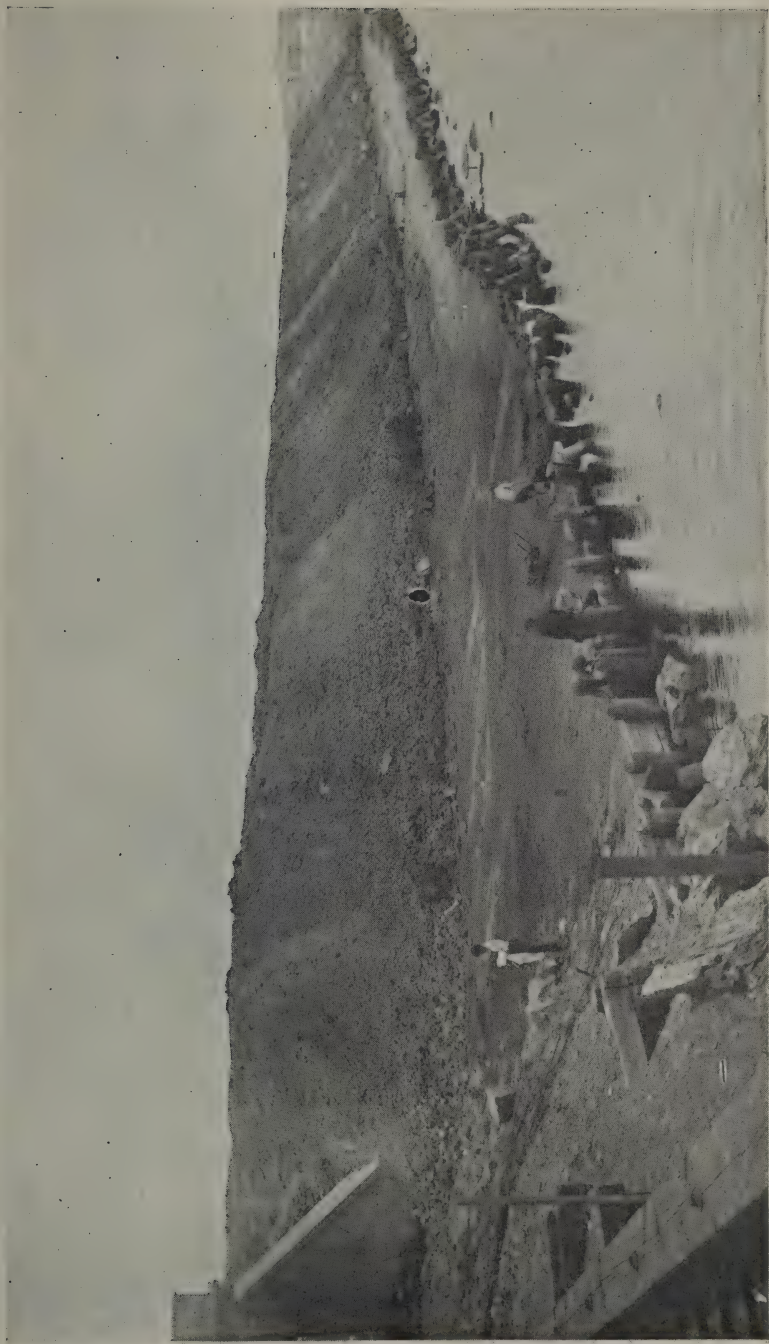
Section B extends from the west line of the third street east of Massachusetts avenue to the west line of the fourth street west of the avenue, but does not include Massachusetts avenue.

Twenty-six Welsbach lights were maintained during the year.

The usual work of maintenance was carried on here, taking care of the grass, walks and shrubs on both roadways.



SECTION C, LOOKING EAST FROM R. R. BRIDGE



SECTION C, AT R. R. BRIDGE (SHOWING FILLING OVER BRIDGE)

The iron fences along the wall should be repaired and painted the coming year as they are in poor condition from rust.

The appropriation made for repairing of the thirty-feet roadway came too late in the season for the work to be done.

I would renew my recommendation of last year that the deck of the public landing at Riverbank Court be replanked and buoyed, as it is becoming waterlogged.

SECTION C

(Area 13.39 acres)

Section C extends from the west line of the fourth street west of Massachusetts avenue to the east line of Brookline street.

On account of the bad condition of the thirty-feet roadway at the approach to the bridge over the railroad, and on advice of the City Solicitor, the roadway over the bridge was closed to public travel June 25th.

At the writing of the report of last year it was then expected that enough material would be obtained from the subway to fill this large area so that the roadway would be completed and trees planted. In February about 5,000 loads were received from the subway and 200 loads from the Boston Transit Commission. More would have been received from the latter concern but on account of the long haul the teams could make but four trips daily.

About 10,000 cubic yards will be required to complete the necessary filling.

SECTION D

(Area 38.31 acres)

Section D extends from the west line of Brookline street to the south line of River street.

Twenty-nine Welsbach lights have been maintained, eighteen on the driveway and eleven on the Island, together with three arc lights on the beach during the bathing season.

The section has been given the required care the past season, from two men constantly employed during the summer season cutting grass, cleaning shrubbery beds and taking care of the roadway between Magazine and Brookline streets, together with cleaning the bath houses during the bathing season.

The proposed sidewalk along the river between Pleasant and River streets was widened to the entire width with filling received from the subway.

The large area of marsh land containing two and two-thirds acres between the park roadway and the river and from Captain's Island to Pleasant street has been brought to sub-grade with material received from the subway.

About 21,000 loads were placed and leveled off to a rough grade without any expense to the City, thus leaving the unsightly piece of land very much improved, and can be put in condition for either park use or playground purposes with very little cost.

About 5,355 loads of filling were received from the subway and placed on the unfinished part of the ball field. When this is completed it will be one of the best and largest ball fields in the City, as there will be ample room for two games at the same time. The department has been very fortunate the past year in receiving so large an amount of filling on the three sections. It is a fair estimate to say that 37,355 loads were received from the subway and 350 loads from the Boston Transit Commission, making a total of 37,750 loads without a cost of one dollar to the department.

One thousand, five hundred and six and six-tenths cubic yards were placed on the forty-foot roadway between Magazine and River streets, leaving the roadway ready for macadamizing.

The bath houses were open from June 20th to September 6th, with two lifeguards, two men in the men's bath house, one each in the locker houses, one woman in the women's bath house and one selling tickets.

The laundry was done by the Quaker Laundry Company at \$3.75 per hundred suits, 75 cents per hundred stockings, 65 cents per hundred towels, being a reduction of the former contract of \$5 per hundred suits, \$2 per hundred stockings and \$1 per hundred towels.

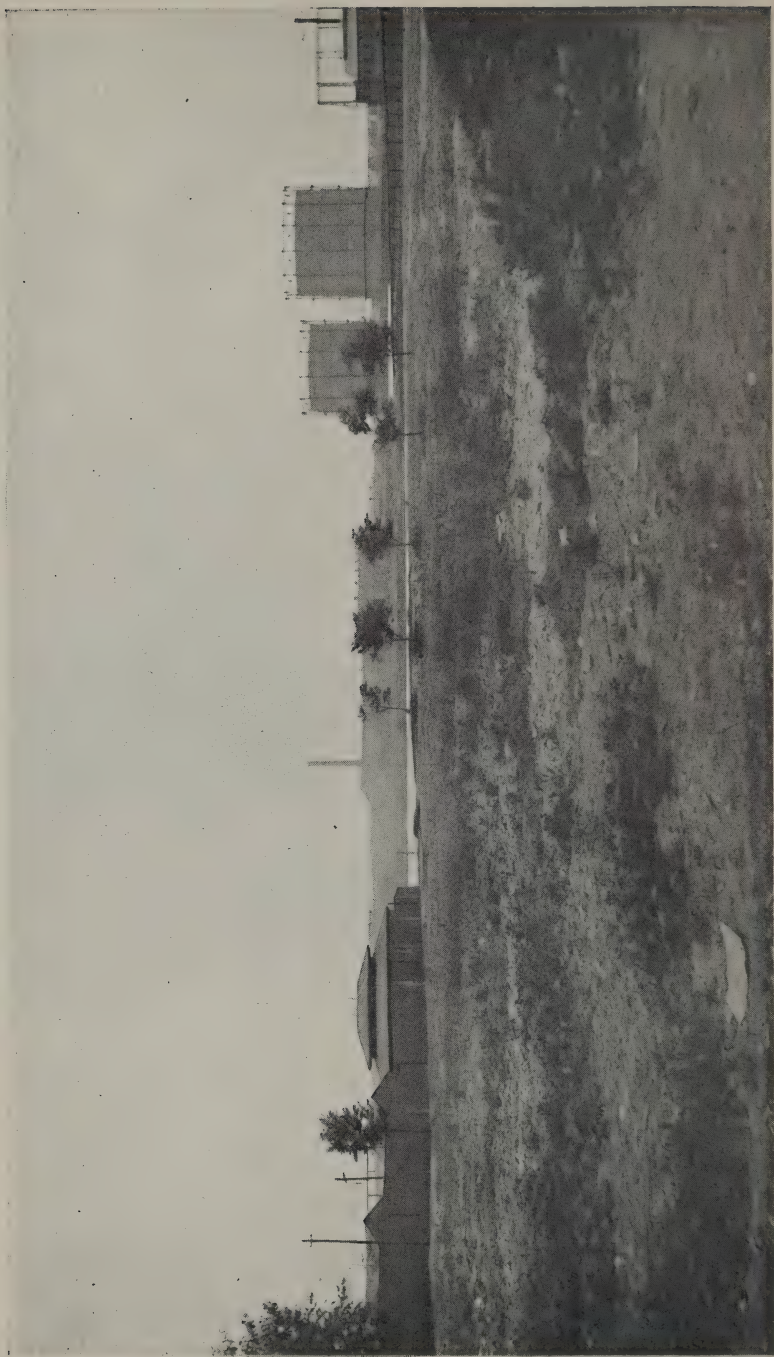
The total receipts for the season were \$895.35, or about \$50 less than the year before.

As I said in my report of last year, this shortage is without doubt due to the damming of the river. Although there are as many of the younger children who frequent and enjoy the bathing as much as in former years it has been proven that a large per cent. of the adults prefer bathing in the salt water.

SECTION E

(Area 1.77 acres)

Section E extends from the north line of River street to the south line of Western avenue.



SECTION D, SHOWING FILLING NEAR BATH HOUSE



SECTION D, LOOKING EAST FROM MAGAZINE STREET

No work has been done here the past year, and as I said in my report of last year, in view of the demand for a continuous driveway on the shore of the river it seems to me the matter of opening up this section should receive serious consideration. With the exception of the building and land occupied by the boat house of the Riverside Boat Club there would be no difficulty in completing the section if sufficient appropriation is made, as the Houghton, Mifflin Company and Cambridge Electric Light Company are ready to vacate the park buildings at short notice.

SECTION F

(Area 13.89 acres)

Section F extends from the north line of Western avenue to the east line of Boylston street.

Seventeen Welsbach lights have been maintained.

Two men have been doing the usual work of maintenance.

The roadway is worn considerably on account of the heavy automobile traffic and should be repaired the coming year.

SECTION G

(Area 16.07 acres)

Section G extends from the west line of Boylston street to the east line of the land of the Stillman Infirmary.

Twenty-six Welsbach lights have been maintained.

Four men were employed during the season.

The shrubbery beds between Bath street and the Stillman Infirmary were thoroughly trimmed.

The roadway is in the same condition and should receive similar treatment.

Sixty-one settees were repaired and painted.

SECTION H

(Area 1.44 acres)

Section H extends from the east line of the land of the Stillman Infirmary to the Metropolitan taking at Gerry's Landing.

The section received the care of the men employed at Section G.

LONGFELLOW PARK

(Area 2.14 acres)

This park was deeded by the Memorial Association to the City April, 1908, and accepted May 13th, 1909.

The usual work of cutting grass, cleaning walks and caring for the shrubbery beds was carried on.

EAST CAMBRIDGE EMBANKMENT

(Area 8.35 acres)

On account of no appropriation being made no work was done.

It is to be hoped that some consideration will be given the improvement of this playground the coming year as there is a large area which might be made of great use for the children of that part of the City.

CAMBRIDGE COMMON

The Common received the usual attention for the season, two men being constantly employed.

Ten settees were repaired and painted.

The plans submitted by the Boston Elevated Railroad Company and accepted by your Board for the reconstruction of the small common where the subway enters are being carried out as fast as conditions will permit and should be completed by June 1st at the latest.

CITY HALL AND WINTHROP SQUARE

Both these grounds were taken care of, City Hall being weeded and grass cut and the shrubbery beds and grass at Winthrop square receiving attention.

PUBLIC LIBRARY GROUNDS

The grounds around the Public Library, Manual Training, English High and Latin schools received attention of three men this past season and show very good results.

BROADWAY COMMON

The usual care has been given the Common this past year, but on account of the large number of people frequenting the Common

it was found very difficult for the men to keep the grass and shrubbery beds looking as well as they should under the care given.

FORT WASHINGTON

The usual care has been given the grass and shrubbery beds and considering the number of children who find it a breathing space during the summer days shows very good condition.

RINDGE FIELD AND SHELTER

(Area 11.28 acres)

One man was employed the entire year and one man extra during the spring and summer months taking care of the grass, shrubs and ball field.

A matron was employed at the Shelter from June 1st to November 1st, taking care of the smaller children.

About 2,700 cubic yards of filling were received on the field south of Pemberton street, without expense. This brings the area so filled to sub-grade, a light covering of loam being necessary to place the field in condition as a playground for the smaller children.

The gymnasium, swings and sand courts were well patronized by the children.

Skating was enjoyed by a large number during the winter.

The baseball and football games drew large numbers during the season, especially during Saturday afternoons and holidays.

In the basement of the Shelter six shower baths were installed, the compartments for the showers being built of slate partitions and granolithic floors. Nineteen wooden lockers have been built and all is ready to open the baths to the public within a week or two.

A complete low pressure heating apparatus including ten radiators has been installed, and a steam hot water heater with a capacity of 325 gallons to furnish water for the baths.

A change was made in the entrance to the basement to accommodate those using the baths and on this account the old bulkhead was removed and in its place a granolithic wall and steps were built, thus making an entrance five feet wide running parallel with the building.

The installation of the heating apparatus and shower baths completes the Shelter equipment, and it is hoped that the Shelter may be a great benefit to the citizens of the northern part of the City.

One man has been employed at the Nursery caring for the trees and shrubs.

The following is an inventory of stock on hand at the Nursery:—

TREES

<i>Acer platanoides</i>	9
<i>Acer saccharum</i>	11
<i>Platanus orientalis</i>	62
<i>Populus dilata</i>	16
<i>Quercus rubra</i>	21
<i>Salix pentandra</i>	7
<i>Tilia Americana</i>	12
<i>Ulmus Americana</i>	18

SHRUBS

<i>Amorpha fruticosa</i>	7
<i>Andromeda japonica</i>	8
<i>Aralia pentaphylla</i>	76
<i>Azalea amoena</i>	10
<i>Baccharis halimifolia</i>	6
<i>Berberis thunbergii</i>	1,000
<i>Berberis vulgaris</i>	9
<i>Buxus sempervirens</i>	20
<i>Calycanthus floridus</i>	21
<i>Caragana arborescens</i>	43
<i>Ceanothus Americanus</i>	2
<i>Celastrus scandens</i>	38
<i>Clethra alnifolia</i>	137
<i>Cornus alba</i>	7
" <i>florida</i>	33
" <i>paniculata</i>	19
" <i>sericea</i>	140
" <i>sanguinea</i>	53
<i>Crataegus oxycantha</i>	52
<i>Deutzia crenata</i>	10
<i>Deutzia gracilis</i>	10
<i>Eleagnus longipes</i>	14
<i>Euonymus radicans</i>	150
<i>Exochorda grandiflora</i>	31
<i>Forsythia fortunei</i>	100
<i>Forsythia viridissima</i>	70
<i>Hydrangea asplenifolia</i>	40
<i>Hydrangea paniculata</i>	7
<i>Ilex glabra</i>	12
" <i>verticillata</i>	8
<i>Kalmia latifolia</i>	30
<i>Ligustrum ibota</i>	25
" <i>ovalifolium</i>	69
" <i>vulgaris</i>	22
<i>Lonicera brachypoda</i>	50
" <i>halliana</i>	40
" <i>tatarica alba</i>	25
" <i>tatarica</i>	90
<i>Lycium barbarum</i>	7
<i>Mahonia aquifolia</i>	18
<i>Philadelphus coronarius</i>	20
<i>Periploca græca</i>	20
<i>Rhamnus catharticus</i>	20
<i>Rhodotypos kerriodes</i>	5
<i>Rhus aromatica</i>	50
" <i>canadensis</i>	30
" <i>typhina</i>	15

Ribes aurem	2
Robinia hispida	5
Rosa multiflora	19
“ nitida	1
“ robina	6
“ rugosa	200
“ setigera	6
“ wichuraiana	20
Spiræa Anthony waterer	33
“ aurum	6
“ billardii	9
“ bumalda	35
“ pruniflora	5
“ salicifolia	17
“ Van Houttei	31
“ thunbergii	100
Staphylea trifolia	40
Stephanandra flexuosa	16
Symphoricarpos vulgaris	232
Syringa vulgaris	26
Tamarix africana	6
Viburnum cassinoides	14
“ dentatum	42
“ lantana	40
“ lentago	2
“ opulis	18
“ opulis nana	4
“ tomentosa	11
Vinca minor	200
Xanthorrhiza apilfolia	100

The following is an inventory of supplies on hand at the tool house:—

900 feet rope (poor condition)
 800 feet rope (good condition)
 900 feet wire netting
 268 feet spraying hose (poor condition)
 100 fence poles
 40 poles for brushes
 40 lawn mowers (good condition)
 40 broken shear poles
 36 shears for poles
 36 picks (poor condition)
 26 long-handled shovels
 23 ordinance signs
 35 gallons creosote
 20 sprinklers
 16 garden hoes
 12 wooden snow shovels
 12 grub axes (poor condition)
 12 scuffle hoes
 12 half ladders
 13 bamboo poles
 14 iron rakes
 10 weed diggers
 11 iron snow shovels
 10 wooden rakes (poor condition)
 9 signs
 8 pick handles

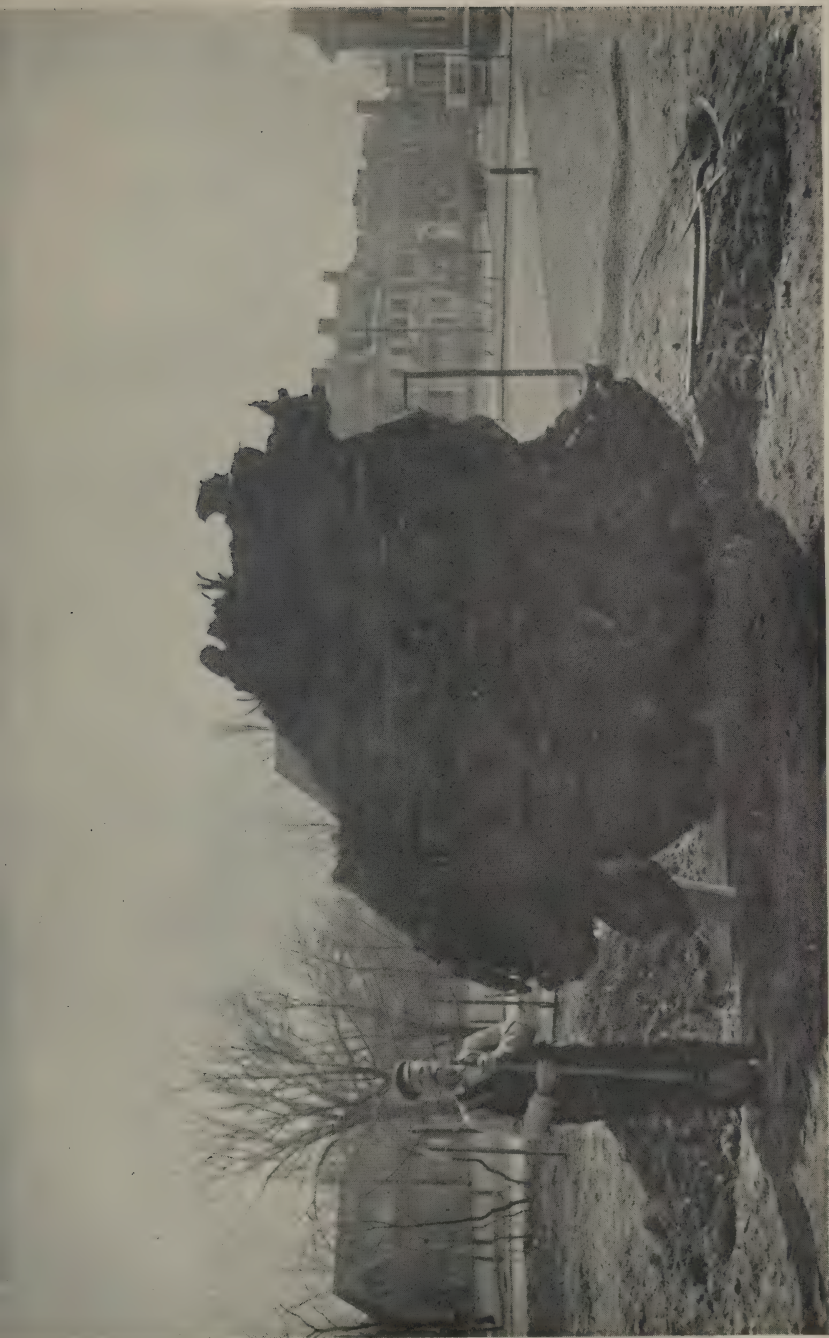
8 spaying rods
7 extension ladders
6 wheelbarrows
9 spading forks
8 pick handles
7 sickles
6 edging knives
5 gallons lubricating oil
5 measuring poles
4 sets falls
4 manure forks
5 rolls hose (poor condition)
4 bags old burlap
4 double and one single cross-cut saws
3 hand saws
3 garden lines
3 paving rammers
5 pole hooks
3 light rammers
3 crow bars
3 teams
2 grub axes
2 draft horses
2 pole saws
2 scythes
2½ bundles burlap
2 sections rubber hose
2 pole saws
2 pairs pruning shears
2 Olds gasoline spraying machines
1 claw hammer
1 sledge hammer
2 hand spraying machines
1½ barrels arsenate of lead

SHADE TREES

This is one of the greatest problems which your Board has been compelled to meet for the past few years. Notwithstanding the department has done everything possible to preserve our shade trees, with the limited means at its disposal, the elm trees continue to die.

With the improved macadamized streets, the brick sidewalks, the moisture has been prevented from reaching the roots of the trees. The electric light wires also withered and killed the foliage above, while the escaping gas suffocated the roots beneath. Besides these difficulties we have had the gypsy, brown tail and leopard moths to contend with, and the greatest pest of all was the elm leaf beetle, the chief cause of losing so many elm trees.

There are in the City at the present time about 450 dead trees and 900 trees which are one-half or three-fourths dead, and it seems as though the most dangerous of these should be taken out the coming year.



SHOWING STUMP OF OLD TREE, LINNAEAN STREET

A careful inspection of all the trees shows 11,713 in good condition, this report seeming very favorable when we consider the number of trees which have died in the Harvard College yard, with all money and scientific methods at hand. It might be well to consider that all elm trees have shared the same fate, noticeably on the estates of William E. Doyle, the Holy Ghost Hospital and of the late Charles Linehan, all these being on Cambridge street; and of L. M. Hannum on Harvard street. These trees received the best of care from skilled men.

The department has planted 350 young trees the past season to replace those that have died; this number per year is entirely too small in comparison to the large number which died each season, and I believe that 1,000 trees per year should be planted for the next three years in hopes to get ahead of the damage.

I am afraid Cambridge will be in the class of a barren city as to the trees which for many years have been admired by those visiting.

A contract was made this past year with Frederick B. Shattuck for the removal of fifty dead trees on the following named streets:—Austin, Broadway, Columbia, Essex, Harvard, Inman, Norfolk and Worcester, and 139 dead trees were removed by the men of the department. Seventy-six stumps were removed and 315 trees trimmed on complaints of the abutters. All the wire guards were repaired twice during the year.

CAMBRIDGE FIELD AND SHELTER

(Area 12.64 acres)

On this field the usual work of maintenance was carried on.

Eleven trees were planted to replace those that had died.

The shrubbery beds surrounding the field were thoroughly overhauled and 1,600 shrubs of various varieties planted to replace those that were trampled upon by people using the ball fields.

During the summer months the ball field was well patronized to the extent of several games taking place at the same time. On Saturday afternoons and holidays matched games of baseball were played by semi-professional clubs, the attendance on these days numbering nearly 3,000.

The Playground Commission was given the use of the field and Shelter during the school vacation and four instructors were placed there to teach the children games five days each week.

A jumping box was built and eight swings were erected at the expense of the Playground Commission.

The field was flooded for skating and 41 days of the winter months thousands of people enjoyed the ice.

The running track, baths and locker rooms were well patronized by athletes in training.

The shower baths have become a necessary and popular part of the system, as will be seen by the following table:—

	Boys	Girls	Women	Men
April, 1910	1,247	73	751	4,246
May	2,058	312	922	4,968
June	3,127	525	1,044	5,372
July	6,557	679	1,462	6,252
August	5,760	529	1,119	4,758
September	2,922	350	1,138	4,214
October	900	....	802	3,778
November	149	....	646	3,039
December	87	....	684	2,145
January, 1911	122	....	550	2,552
February	158	....	488	2,428
March	342	....	518	2,957
Totals	23,429	2,499	10,124	46,709
Grand total—82,761				

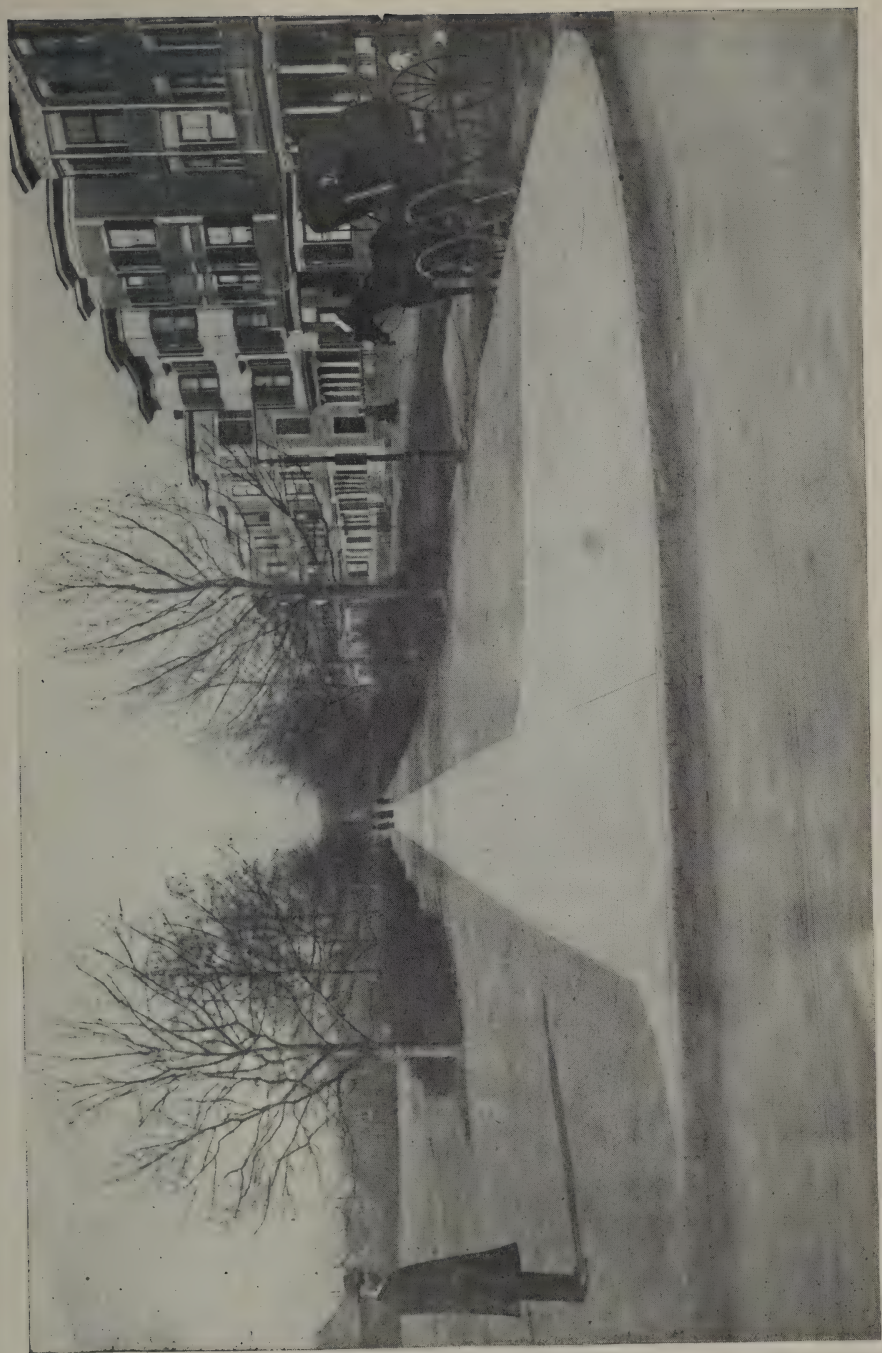
The following is the account of stock on hand at the field:—

600 feet rope	2 crow bars
295 towels	2 step ladders
100 feet garden hose	2 long-handled cutting shears
50 pounds soap	2 grubbers
65 pounds guard wire	2 crow bars
20 wooden stakes	1 axe
30 iron stakes	1 monkey wrench
8 ash barrels	1 sledge hammer
6 short-handled shovels	1 floor brush
4 picks	1 trimming shears
4 spades	1 sod edger
4 lanterns	1 platform truck
3 wooden scoops	1 ice scraper
3 scufflers	1 feather duster
3 corn brooms	1 cross-cut saw
3 reed push brooms	1 hand saw
3 iron rakes	1 large reel
3 forks	1 set bases
3 lawn mowers	1 box staples
2 iron wheelbarrows	½ keg nails
2 wooden wheelbarrows	

LEOPARD MOTH

This insect continues to do considerable harm to our shade trees in all parts of the City.

During the past year nothing has been done towards the suppres-



GRANOLITHIC WALK, CAMBRIDGE FIELD, BERKSHIRE STREET PATH

sion of this moth for the reason that as yet no definite treatment has been found. Some citizens have experimented by cutting off all the dead tips of the limbs and burning the brush immediately; others have tried to kill the moth by injecting carbon bi-sulphite into the hole, and seal it with wax; others have tried fishing for the moth with a wire hook. The latter remedy would be impossible for this department to adopt as in my opinion it would be similar to looking for a needle in a bundle of hay.

I would suggest that part of the appropriation of shade trees be used for the employment of three or four men to go over the sections that are badly infested and remove all the dead and broken limbs that the moth may be found working in and burn these cuttings immediately. This will help to keep the moths in check until some better method presents itself.

MILL POND

One man was employed here half-time during the summer months cleaning the ball field, leveling and rolling the diamond before each game. The rest of the time was spent by this employee watering the grounds at City Hall.

ELM LEAF BEETLE EXTERMINATION

A new Church high-pressure spraying machine was purchased in the spring, making two good machines on hand for the work.

Work was begun May 17th and continued until June 19th.

Every elm tree on the streets and parks was thoroughly sprayed with a solution of arsenate of lead and where the infestation was bad a second spraying was given. Very satisfactory results have been obtained, as is shown by the little trouble from the beetle last season.

On request of property owners trees on private property were sprayed and a charge of 50 cents per small tree and \$1 per large tree for work done. This brought in a revenue of \$75.

WASHINGTON ELM

This old and historic tree received the usual care and attention the past year, dead wood removed and two coats of tar applied to the bark. It was watered twice a week during the dry weather and the hydrant and underground system were tested well. Twice it was sprayed with arsenate of lead.

THE YEAR'S EXPENDITURES

The expenses of the department for the financial year of 1910 are shown in the following summary of the departmental accounts:—

PARK LOANS

(Lands and Construction)

Amount of unused balance of 1909 appropriation, reappropriated October 25, 1910	\$17 97
Amount appropriated November 23, 1910	15,000 00

\$15,017 97

EXPENDED

River Parkway, Section A:		
Filling	\$239 28	
Pay rolls	30 00	
Services, landscape architects....	29 03	
Stakes for engineers	16 00	
		\$313 31
River Parkway, Section B:		
Pay rolls	\$36 00	
Advertising	4 25	
		40 25
River Parkway, Section C:		
Pay rolls	\$12 00	12 00
River Parkway, Section D:		
Pay rolls	674 50	
Ashes	602 65	
Filling	109 74	
Hardware, tools, etc.	7 20	
		1,394 09
River Parkway, Section G:		
Teaming	\$24 00	24 00
Total		1,783 65
Balance unexpended		<u>\$13,234 32</u>

INSTALLING SHOWER BATHS AND HEATING APPARATUS—
RINDGE FIELD

Amount appropriated July 8, 1910	\$2,000 00
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EXPENDED

Payment on heating contract	\$420 75	
Payment on installation of shower baths (contract)	565 81	
Building lockers, settees, etc.	185 87	
Paint and supplies	71 14	
Changing steps outside, masonry.....	140 00	
Changing electrical system	67 66	
Labor	25 50	
Advertising	9 00	
Total		1,485 73
Balance unexpended		<u>\$514 27</u>

PARK DEPARTMENT

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Rindge Field:

Amount of unused balance of 1909 appropriation, reappropriated April 6, 1910	\$592 23
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EXPENDED

Pay rolls	\$585 50
Total	585 50
Balance unexpended	\$6 73

PARK MAINTENANCE

Brown Tail Moth and Elm Leaf Beetle Extermination:

Amount appropriated May 24, 1910.....	\$6,000 00
Amount appropriated February 25, 1911	1,000 00
	\$7,000 00

EXPENDED

Pay rolls	\$5,205 74
Church spraying machine	900 00
Arsenate of lead	252 00
Teaming	218 25
Clerical assistance	109 59
Postage stamps and stamped envelopes	75 39
Index cards and printing	53 20
Repairs and supplies, Church machine	48 10
Ladder repairs	27 35
Creosote	27 18
Gasolene	20 60
Hardware, tools, etc.	20 33
Hose for spraying machine	18 10
Printing notices to property owners...	15 00
Horse shoeing	7 50
Expressage	20
Total	6,998 53
Balance unexpended	\$1 47

Sections A, B, D, F, G and H:

Amount appropriated May 24, 1910.....	\$7,000 00
Amount transferred March 18, 1911, to Maintenance, Cambridge Field and Shelter	19 65
	\$6,980 35
Amount transferred March 18, 1911, to Maintenance, Commons, Squares and Public Grounds	54 00
	\$6,926 35

EXPENDED

Section A:		
Lighting	\$177 60	\$177 60
Section B:		
Pay rolls	1,339 25	
Lighting	769 56	
Hardware, tools, etc.	3 62	
		2,112 43
Section C:		
Lumber, fence at railroad	\$21 51	
Trees and freight	31 00	
Painting signs	5 25	
		57 76
Section D:		
Lighting	\$720 25	
Pay rolls	542 34	
Ashes	10 03	
Teaming	9 00	
Water "off and on"	1 00	
		1,282 62
Section F:		
Pay rolls	\$683 50	
Lighting	503 16	
Hardware, tools, etc.	3 75	
		1,190 41
Sections G and H:		
Pay rolls	\$1,255 50	
Lighting	769 68	
Trees	62 50	
Stakes	10 00	
Hardware, tools, etc.	7 85	
		2,105 53
Total		6,926 35

Cambridge Field and Shelter:

Amount appropriated May 24, 1910	\$6,000 00
Amount transferred March 18, 1911, from Maintenance, Sections A, B, D, F, G and H	19 65
	\$6,019 65

(The Field)

EXPENDED

Pay rolls	\$1,935 88	
Lighting	577 50	
Trees and freight	314 83	
Teaming	93 00	
Shrubs and freight	69 82	
Hardware, tools, etc.	30 13	
Stakes	30 00	
Painting flag-pole	24 00	
Repairing board walks	19 60	
Garden hose	11 00	
Lumber	2 12	
		\$3,107 88

Amount carried forward

Amount brought forward.....

(The Shelter)

EXPENDED

Pay rolls	\$2,340 00	
Laundrying towels	213 87	
Coal	128 75	
Lighting	107 40	
Soap	42 80	
Towels	27 00	
Supplies	19 87	
Glass and setting	13 20	
Toilet paper and expressage	13 00	
Printing signs	4 00	
Repairs	1 62	
		2,911 51
Total		6,019 39
Balance unexpended		\$ 26

Commons, Squares and Public Grounds:

Amount appropriated May 24, 1910	\$4,100 00
Amount transferred March 18, 1911, from Maintenance, Sections A, B, D, F, G and H	54 00
	\$4,154 00

EXPENDED

Pay rolls	\$3,428 79	
Lighting	320 04	
Repairing board walks	117 09	
Teaming	87 00	
Hardware, tools, etc.	36 97	
Painting flag-pole	36 00	
Housing top-masts, fixing halliards, etc.	32 00	
Repairing fence, Dana Square	25 85	
Stakes	20 00	
Engine oil	13 13	
Goal posts	10 16	
Trees	10 00	
Slats for settees	8 70	
Stationery	3 50	
Wire for fence	2 70	
Expressage	2 00	
		4,153 93
Total		
Balance unexpended		\$ 07

Shade Trees:

Amount appropriated May 24, 1910	\$4,000 00
Amount transferred January 5, 1911, from Maintenance, General Account	100 00
	\$4,100 00

EXPENDED

Pay rolls	\$3,405 28	
Trees	341 25	
Teaming	186 00	
Loam	41 10	
Hardware, tools, etc.	37 50	
Damages to property by falling trees..	37 02	
Sharpening saws	16 75	
Medical attendance for injured em- ployee	11 00	
Skids and repairs	15 89	
Stationery	3 75	
Irrigation system installed, Massachu- setts Avenue, tree	2 93	
Hose for tying trees	1 50	
Total		4,099 97
Balance unexpended		\$ 03

Removal of Dead Trees:

Amount appropriated May 24, 1910	\$3,000 00
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EXPENDED

Pay rolls	\$1,792 75	
Contract, removal fifty trees	1,030 00	
Teaming	147 00	
Sharpening saws	13 75	
Advertising	8 00	
Hardware, tools, etc.	4 46	
Harness repairs	2 30	
Total		2,998 26
Balance unexpended		\$1 74

Salaries:

Amount appropriated May 24, 1910	\$2,300 00
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EXPENDED

Salary of General Superintendent	\$1,500 00	
Salary of Clerk and Bookkeeper.....	800 00	
Total		2,300 00

PARK DEPARTMENT

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Kindge Field and Shelter:

Amount appropriated May 24, 1910 \$1,800 00

EXPENDED

Pay rolls	\$1,374 13	
Lighting (Cambridge Electric Light Company)	180 00	
Lighting (Welsbach Street Lighting Company of America)	59 16	
Towels	57 20	
Coal	44 40	
Miscellaneous supplies	25 81	
Teaming	12 00	
Toilet paper and expressage	13 00	
Plumbing	12 00	
Slats for settees	9 35	
Soap	8 00	
Lumber	3 92	
Water "off and on"	1 00	
Total		1,799 97
Balance unexpended		\$ 03

Bath House:

Amount appropriated May 24, 1910 \$1,800 00

EXPENDED

Pay rolls	\$1,230 66	
Laundering suits, towels, etc.	163 15	
Lighting beach	143 12	
Bathing suits.. ..	98 23	
Towels	52 80	
Disinfectant	26 75	
Stationery	23 98	
Hardware, tools, etc.	17 29	
Tags for suits	16 70	
Repairs	7 71	
Supplies (tapes, etc.)	5 95	
Analysis of water	5 00	
Plumbing	6 41	
Medicinal supplies	1 78	
Total		1,799 53
Balance unexpended		\$ 47

General Account:

Amount appropriated May 24, 1910	\$1,500 00
Amount transferred July 5 and September 23, 1910, to Street Department	432 00
	\$1,068 00
Amount transferred January 5, 1911, to Maintenance, Shade Trees	100 00
	\$968 00

EXPENDED

Board of Superintendent's horse	\$300 00
Telephone service	162 84
Entertaining Committee on Parks.....	88 55
Stationery and printing	61 65
Horse shoeing	76 92
Printing and binding annual report, 1910	60 22
Stationery (city messenger account)..	27 47
Pay roll and requisition books	20 25
Carriage repairs	21 55
Binding annual reports for commis- sioners	27 55
Harness repairs and supplies	29 90
Hardware, tools, etc.	16 73
Stamps	14 09
Kerosene oil	13 28
Miscellaneous supplies and repairs....	10 75
Advertising	8 75
Bicycle repairs	6 75
Typewriter keys	5 00
Directory, 1911	4 00
Sharpening saws	3 92
Subscription, "Municipal Journal"	3 00
Labor	1 50
Expenses, Superintendent	1 30
Photo supplies	94
Total	966 91
Balance unexpended	\$1 09

Longfellow Park:

Amount appropriated May 24, 1910	\$250 00
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EXPENDED

Pay rolls	\$250 00
Total	250 00

Sand Gardens:

Amount appropriated May 24, 1910 \$200 00

EXPENDED

Sand for boxes	\$139 11	
Pay rolls	34 00	
Lumber	19 87	
Teaming	6 00	
Hardware, tools, etc.	58	
Total		199 56
Balance unexpended		\$ 44

Mill Pond:

Amount appropriated May 24, 1910 \$150 00

EXPENDED

Pay roll	\$138 00	
Teaming	12 00	
Total		150 00

Respectfully submitted,

JOHN F. DONNELLY,

General Superintendent of Parks.



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